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PTO/SB/08A (08-00)  
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	10/810,410		
		Filing Date	March 26, 2004		
		First Named Inventor	Lakkis, Ismail		
		Group Art Unit	2634		
		Examiner Name	To Be Assigned		
Sheet	1	of	2	Attorney Docket Number	45389.00011.CIP

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
CF	AD	5,563,909		Nakazawa	10-08-1996	
CF	AE	5,675,572		Hidejima et al.	10-07-1997	
CF	AF	5,949,813		Hunsinger et al.	<del>10-07-1999</del>	9-7-1999
CF	AG	6,049,707		Buer et al.	04-11-2000	
CF	AH	6,192,068 B1		Fattouche et al.	02-20-2001	
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Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document . MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			

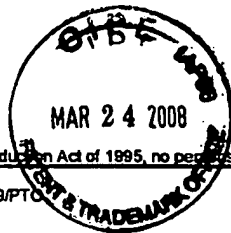
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
CF	AM	BINGHAM, JOHN A.C. "Multicarrier Modulation for Data Transmission: An Idea Whose Time Has Come" IEEE Communications Magazine, May 1990, Pages 5-14.	
CF	AN	BLUM, RICK S. et al. "Improved Space - Time Coding for MIMO-OFDM Wireless Communications" IEEE Transactions on Communications, Vol. 49, No. 11, November 2001, pp. 1873-1878.	
CF	AO	CHAUNG, JUSTIN et al. "Beyond 3G: Wideband Wireless Data Access Based on OFDM and Dynamic Packet Assignment" IEEE Communications Magazine, July 2000, pages 78-87.	
CF	AP	EDFORS, OVE et al. "An Introduction to orthogonal frequency-division multiplexing" September 1996, pp. 1-50	

Examiner Signature	Chen H-1	Date Considered	9/4/08
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STATEMENT BY APPLICANT**

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Sheet 01 of 18

Application Number	10/810,410
Filing Date	March 26, 2004
First Named Inventor	Ismail Lakkis
Art Unit	2611
Examiner Name	Kevin Kim
Attorney Docket Number	00287

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
		US-			
		US- 4001693	01-1977	Stackhouse et al.	
		US- 4039972	08-02-1977	Scholten et al.	
		US- 4278978 - 14 - 1981	06-14-1981	Easterling et al. Frosch et al.	
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		US- 4905234	02-27-1990	Childress et al.	
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		US- 5377223	12-1994	Schilling	

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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Sheet	05	of	18
Application Number Filing Date First Named Inventor Art Unit Examiner Name Attorney Docket Number		10/810,410 March 26, 2004 Ismail Lakkis 2611 Kevin Kim 00287	

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 6215814	04-10-2001	Yitalo et al.	
		US- 6222832	04-2001	Proctor	
		US- 6256508	07-2001	Nakagawa	
		US- 6259687	07-10-2001	Lomp et al.	
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		US- 6388997	05-2002	Logan	
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Sheet 06

of 18

**Complete if Known**

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First Named Inventor	Ismail Lakkis
Art Unit	2611
Examiner Name	Kevin Kim
Attorney Docket Number	00287

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		Number-Kind Code <sup>2</sup> (if known)			
		US- 6392500	05-2002	McCallister et al.	
		US- 6430170	08-2002	Saints et al.	
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		US- 6529488 3-4-2003	<del>07-2001</del>	Urs et al.	
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		US- 6570912	05-2003	Mirfakhraei	
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Filing Date	March 26, 2004
		First Named Inventor	Ismail Lakkis
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		Examiner Name	Kevin Kim
Sheet 10 of 18	Attorney Docket Number	00287	

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		US- 2001/0050623	12-2001	Kalman	
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